

THE POTENTIALS OF AGRICULTURAL LAND FOR THE CULTIVATION OF ENERGY CROPS, THE MUNICIPALITY OF IRIG

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ABSTRACT – The Potentials of Agricultural Land for the Cultivation of Energy Crops, the Municipality of Irig

In both the European Union and the developed countries of the world a good deal of attention has been paid to the renewable resources of energy. Numerous scientific and practical researches are directed towards the possibility of usage of plant residues – i.e. biomass, as a potential energy - generating product. By creating Biomass action plan, European Commission aroused considerable interest in biomass, causing some countries (The Netherlands, Germany, Great Britain) to create their own national Biomass action plans, while some other countries are in the process of doing the same. The Republic of Serbia has taken active participation on the subject of renewable energy resources, which is confirmed by the presence of the state delegation of The Republic of Serbia at the Founding conference of the International Renewable Energy Agency which took place in Bonn, Germany, on January 26 and 27, 2009. Bearing in mind that Vojvodina has got at its disposal enormous surface areas of fertile land ready for cultivation, the focus of this paper is on the introspection of the potentials of this region with respect to the production of renewable energy from biomass.

Keywords: renewable energy resources, biomass

ABSTRACT

U razvijenim zemljama sveta i Evropskoj uniji već godinama velika pažnja se poklanja obnovljivim izvorima energije. Brojna naučna i praktična istraživanja usmerena su upravo na mogućnosti upotrebe biljnih ostataka - biomase, kao potencijalnog energenta. Akcionim planom za biomasu, Evropska Komisija je pokrenula intenzivno interesovanje za temu biomase, pa su neke zemlje (npr Holandija, Nemačka, Velika Britanija) već napravile svoje nacionalne akcione planove za biomasu a ostale su na putu da to učine. Republika Srbija je uzela aktivno učešće u temi obnovljivih izvora energije, što potvrđuje i prisustvo državne delegacije Republike Srbije na osnivačkoj konferenciji Međunarodne agencije za obnovljivu energiju (IRENA - International Renewable Energy Agency) koja je održana u Bonu, Nemačka, 26. i 27. januara 2009. godine. Imajući u vidu da Vojvodina raspolaže velikom površinom plodnog, obradivog poljoprivrednog zemljišta, akcenat ovog rada je na sagledavanju potencijala ove regije za proizvodnju obnovljive energije iz biomase.